ELSEVIER

Signal Processing 43 (1995) 353–354

SIGNAL PROCESSING

Cumulative contents of Volume 43

Volume 43, No. 1, April 1995

Papers

E.R. Dougherty and J.C. Handley
Recursive maximum-likelihood estimation in the one-dimensional discrete Boolean random set model 1
T.-B. Deng and T. Soma
Design of 2-D variable digital filters with arbitrary magnitude characteristics 17
M. Morháč and V. Matoušek
An adpative fast transform algorithm for multi-dimensional data compression 29
J.A. García, J. Fdez-Valdivia and R. Molina
A method for invariant pattern recognition by using the scale-vector representation of planar curves 39
C.-Y. Chi and M.-C. Wu
Inverse filter criteria for blind deconvolution and equlization using two cumulants 55
C.-W. Lin and B.-S. Chen
State space model and noise filtering design in transmultiplexer systems 65
V.E. DeBrunner and A.A.L. Beex
Model structure incorporated into recursive partial realization strategies 79
N. Bhatnagar
On computation of certain discrete Fourier transforms using binary calculus 93
S.-S. Wang and C.-F. Lin
Conditional trimmed mean filters and their applications for noise removal 103

Announcement and call for papers 111

Volume 43, No. 2, May 1995

Papers

S.-J. Chern and C.-Y. Sung
The hybrid Frost's beamforming algorithm for multiple jammers suppression 113
A. Zeira and B. Friedlander
On the performance of direction finding with time-varying arrays 133
F. Hlawatsch, T.G. Manickam, R.L. Urbanke and W. Jones
Smoothed pseudo-Wigner distribution, Choi–Williams distribution, and cone-kernel representation: Ambiguity–domain analysis and experimental comparison 149
S. Nakamori
Estimation technique using covariance information in linear discrete-time systems 169
J.C. Patra and R.N. Pal
A functional link artificial neural network for adaptive channel equalization 181

Elsevier Science B.V.

C.A. Christopoulos, J. Bormans, J. Cornelis and A.N. Skodras
The vector-radix fast cosine transform: Pruning and complexity analysis 197
G. Pulford, R. Kennedy and S.-H. Chung
Identification of individual channel kinetics from recordings containing many identical channels 207
J. Xi and J.F. Chicharo
A block gradient-based algorithm for adaptive IIR filtering 223

Announcement and call for papers 229

Volume 43, No. 3, May 1995

Papers

Y. Yang and S.S. Soliman
An improved moment-based algorithm for signal classification 231
J.-M. Brossier
Adaptive phase estimation in non-Gaussian noise 245
J.-Y. Tourneret and B. Lacaze
On the statistics of estimated reflection and cepstrum coefficients of an autoregressive process 253
J.M.H. Elmirghani, R.A. Cryan and F.M. Clayton
Spectral analysis of timing jitter effects on the cyclostationary PPM format 269
N.J. Bershad, J.J. Shynk, J.L. Vaughn and C.F.N. Cowan
Stochastic convergence analysis of a partially adaptive two-layer perceptron using a system identification model 279
T.-S. Liu and L.-W. Chang
Fast color image quantization with error diffusion and morphological operations 293
W.F. Schreiber
A unified approach to moving-image coding for most media and most applications 305
C.-H. Lee and L.-H. Chen
High-speed closest codeword search algorithms for vector quantization 323
V. Britaňák
A unified discrete cosine and discrete sine transform computation 333

Fast communication

B. Torresani
Position-frequency analysis for signals defined on spheres 341

Book review 347

Announcement and call for papers 349

Author index of Volume 43 351

Cumulative contents of Volume 43 353